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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/779,690

02/18/2004

Tsuyoshi Kuroki

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09/30/2008

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EXAMINER

ABEL JALIL, NEVEEN

ART UNIT

PAPER NUMBER

2165

MAIL DATE

DELIVERY MODE

09/30/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/779,690	Applicant(s) KUROKI, TSUYOSHI	
	Examiner Neveen Abel-Jalil	Art Unit 2165	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on July 7, 2008 & Sept. 9, 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 15-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 15-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 7-July -2008 has been entered.

2. The amendments filed on 7-July -2008 and September 9, 2008 has been received and entered. Claims 15-17 are now pending.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 15-17 are rejected under 35 U.S.C. 102(e) as being anticipated by Spencer, JR. (U.S. Pub. No. 2004/0044672 A1).

As to claims 15-17, Spencer, JR. discloses an information processing method for sharing, via a management server, an object in a three-dimensional virtual space between a plurality of client apparatuses, the method comprising:

a receiving step of the management server receiving a connection request from one of the plurality of client apparatuses (See paragraph 0074, wherein “connection request” is part of the communication between client and server);

an issuing step of the management server issuing, in response to receiving the connection request from the client apparatus, a unique client identifier *for* identifying the respective client apparatus that transmitted the connection request (wherein it is suggested that “for identifying” is to be replaced with “to identify” to avoid an intended use interpretation), wherein the issuing step issues a different unique client identifier for each of the plurality of client apparatuses (wherein it is inherent that each connection between client and server has a unique communication TCP/IP address, and paragraph 0069, clearly teaches the unique identifier associated with each manager installed on each individual client);

a transmitting step of the management server transmitting, to the respective client apparatus that transmitted the connection request, the unique client identifier corresponding to the respective client apparatus (wherein it is inherent that each connection between client and server has a unique communication TCP/IP address, and paragraph 0069, clearly teaches the unique identifier associated with each manager installed on each individual client);

the client apparatus storing in a storage unit thereof the unique client identifier transmitted by the management server (See paragraph 0084, and see paragraph 0112); and

a generating step of the client apparatus generating a new object (See paragraph 0076, wherein a new GUID is generated by each client that includes both the newly generated object label and device that accessed it as explained in paragraphs 0103-0111);

an identification information generating step of, when the new object is generated, the client apparatus generating object identification information of the generated new object, the object identification information being represented as an integer having a predetermined number of bits, and including by the unique client identifier issued by the issuing step of the management server into in predetermined bits of the integer, and information uniquely generated by the client apparatus into bits other than the predetermined bits of the integer (See paragraph 0076, wherein a new GUID is generated by each client that includes both the newly generated object label and device that accessed it as explained in paragraphs 0103-0111, and wherein GUID is different integer than the client ID alone);

a transmitting step of the client apparatus transmitting, the generated object identification information and information necessary *for* causing another client to generate the object to the management server (wherein it is suggested that “for causing” is to be replaced with “to cause” to avoid an intended use interpretation, and wherein it is clear in the client server communication the shared object is transmitted with its generated GUID to the central server for access by other clients as explained in paragraph 0125, and earlier in paragraph 0013);

the management server transmitting the object identification information and the information necessary *for causing* another client to generate the object to other client apparatuses among the plurality of client apparatuses (wherein it is suggested that “for causing” is to be replaced with “to cause” to avoid an intended use interpretation, and see paragraph 0084); and

a generating step of each of the other client apparatuses generating the new object in a three-dimensional virtual space based on the object identification information and the information necessary *for* causing another client apparatus to generate the object transmitted by the management server (wherein it is suggested that “for causing” is to be replaced with “to cause” to avoid an intended use interpretation, and wherein it is inherent once one object is generated at one client then another object can also be generated at a different client utilizing the same method, wherein the collaborative CAD application is inherently a “three-dimensional virtual space” see paragraph 0019, and Figure 1).

Response to Arguments

5. Although, Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Daggett (U.S. Patent No. 7,047,254 B2) teaches aggregate object identifiers including both object device and object name.

For other cited art, see PTO-form 892.

Art Unit: 2165

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 571-272-4074.

The examiner can normally be reached on 8:30AM-5:30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christian P. Chace can be reached on 571-272-4190. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Neveen Abel-Jalil
Primary Examiner
September 29, 2008

/Neeven Abel-Jalil/

Primary Examiner, Art Unit 2165